

Fig. 1

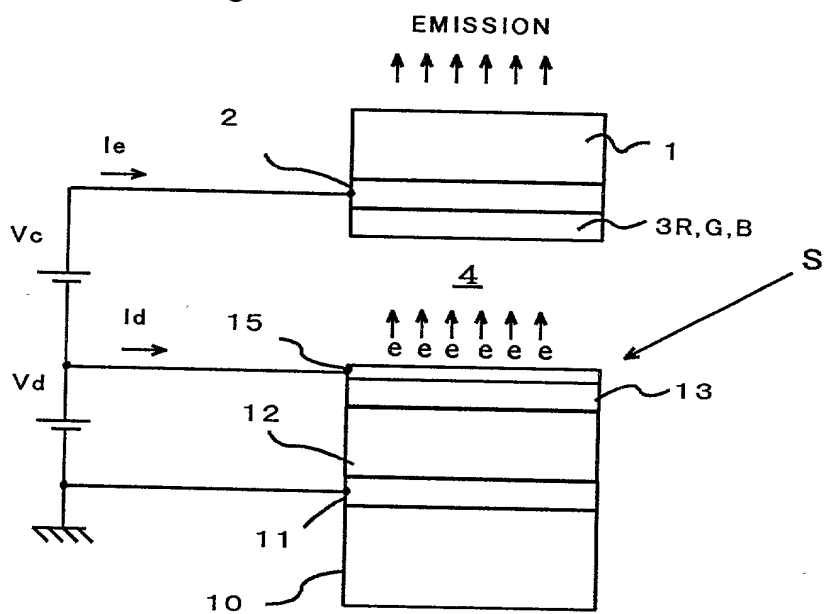


Fig. 2

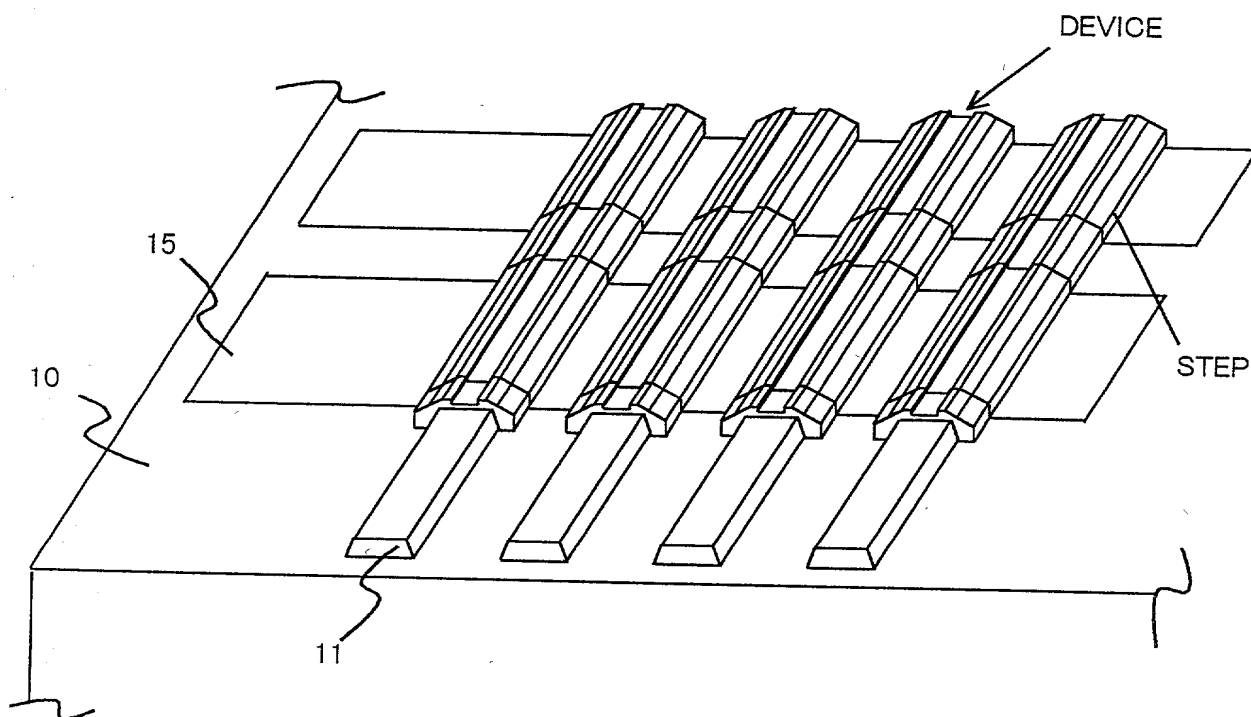


Fig. 3

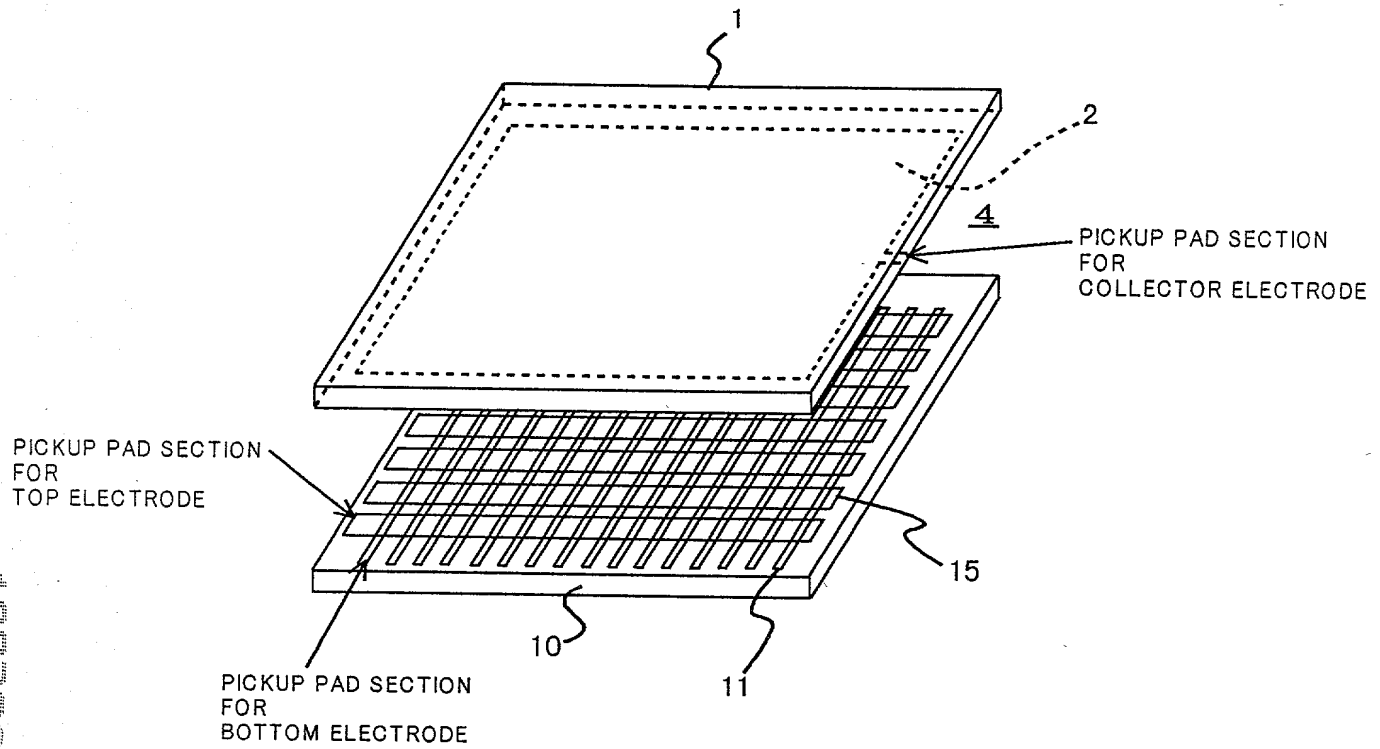


Fig. 4

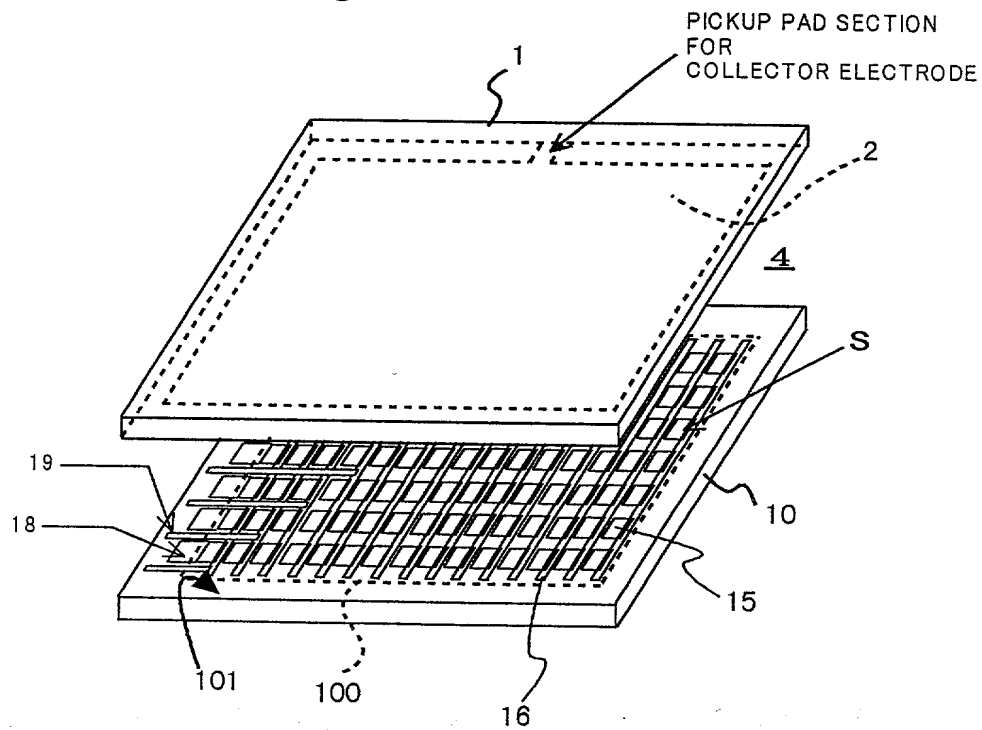


Fig. 5

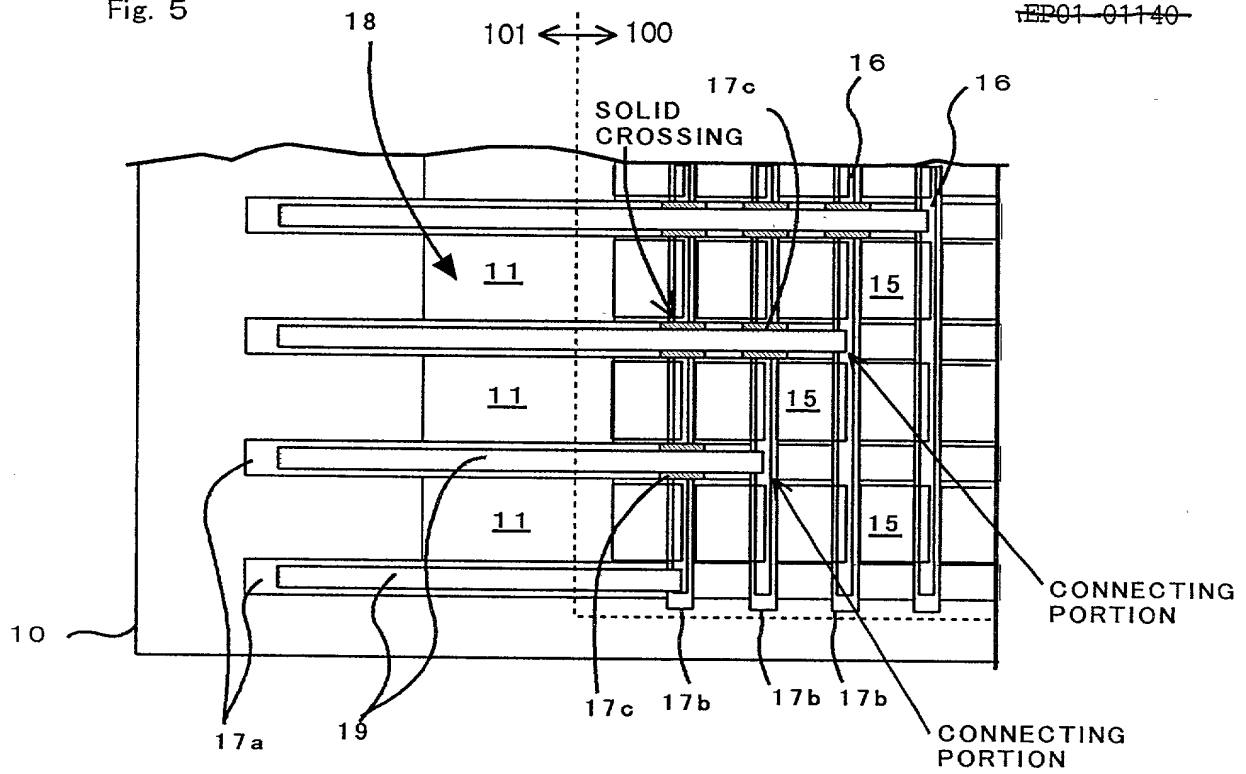
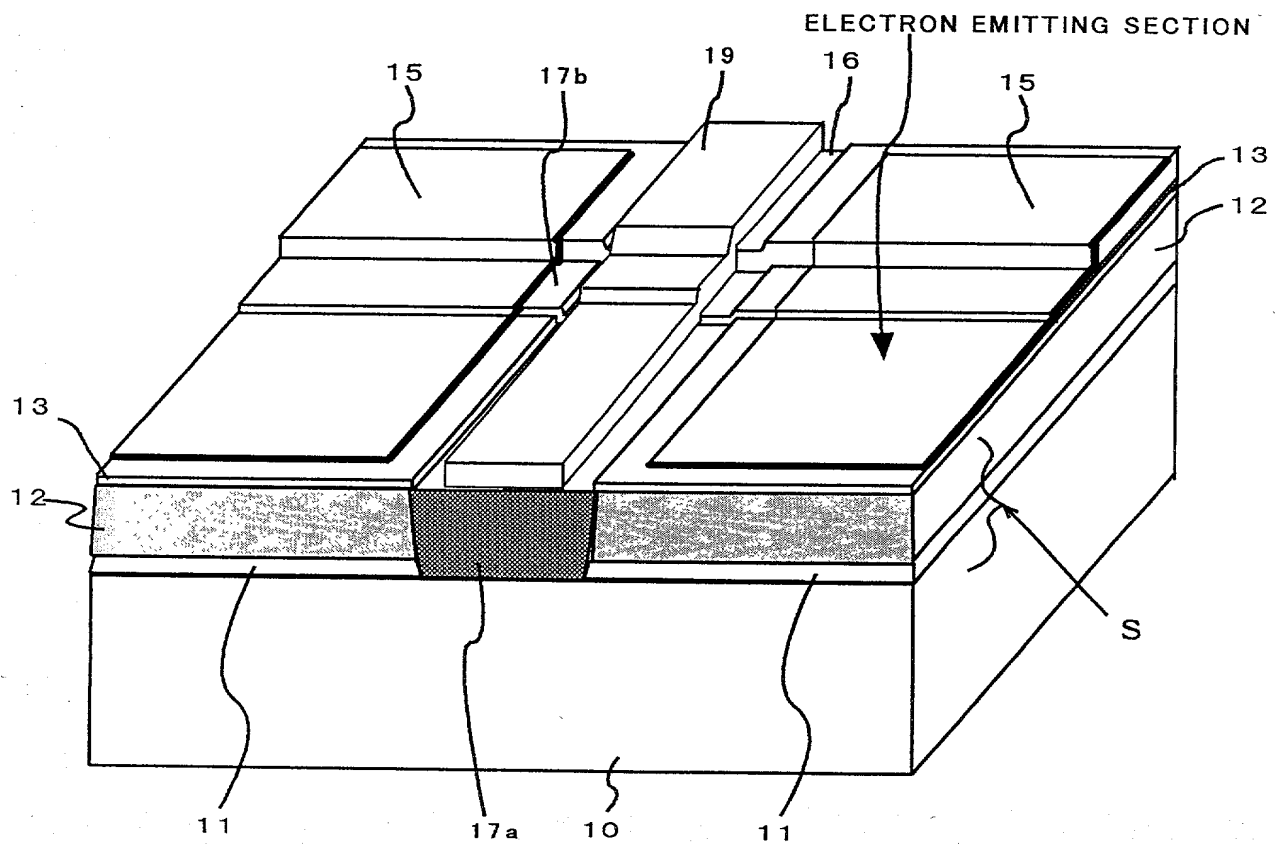


Fig. 6



## ELECTRON EMITTING SECTION

Fig. 7

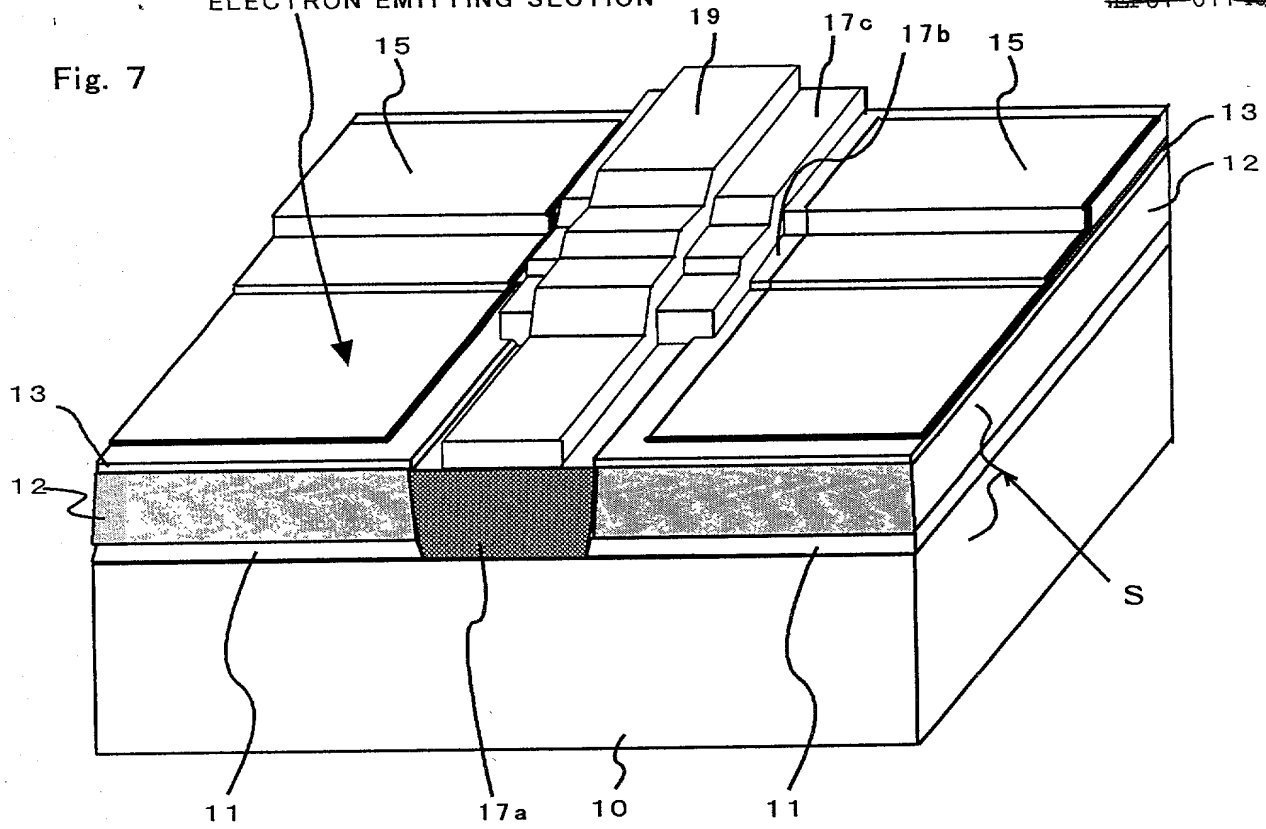


Fig. 8

## ELECTRON EMITTING SECTION

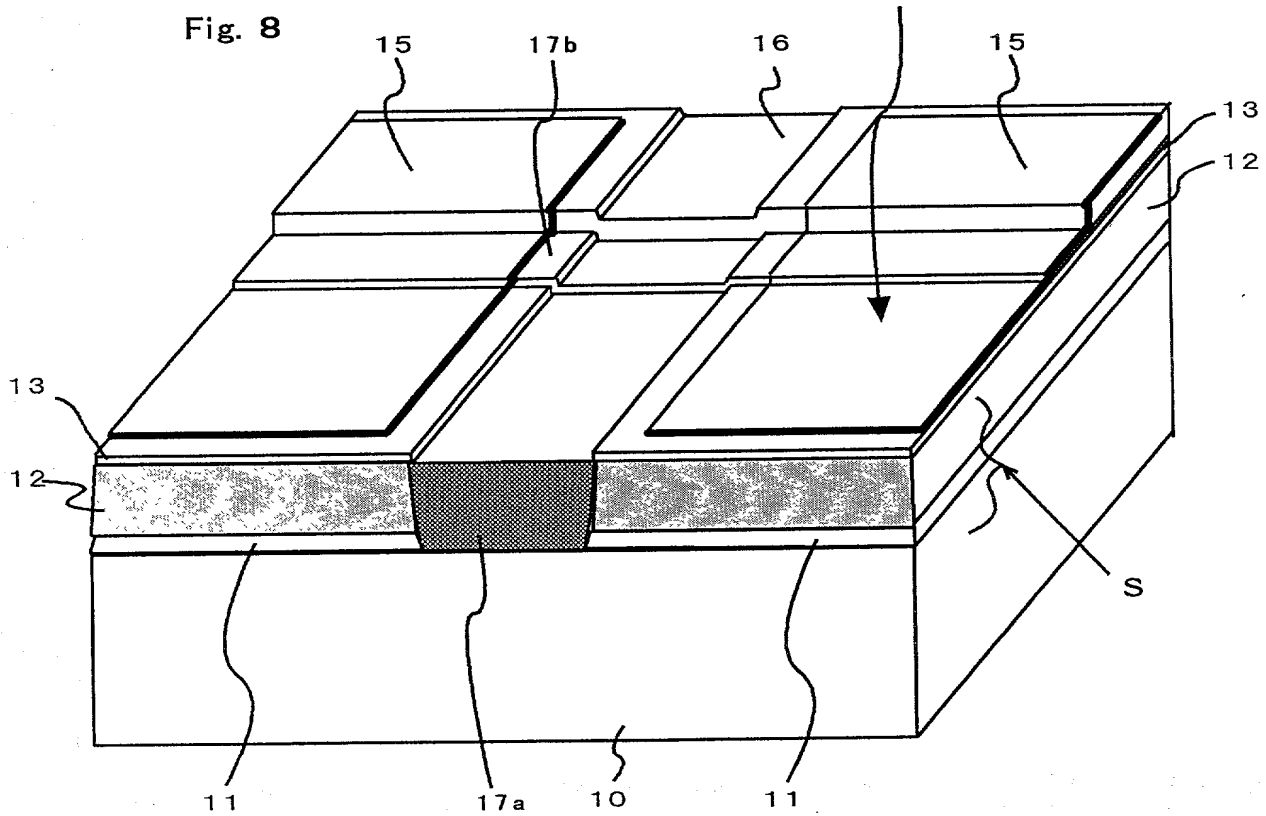


Fig. 9

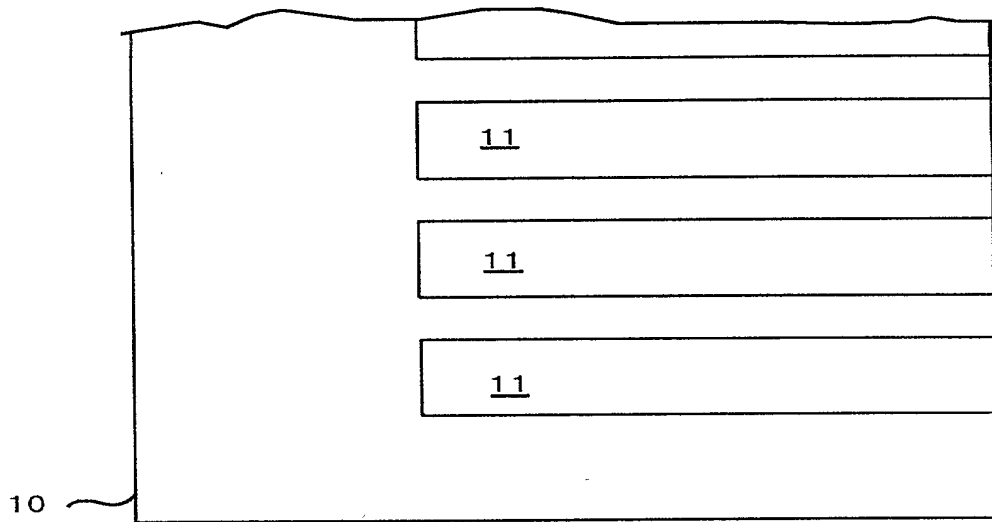


Fig. 10

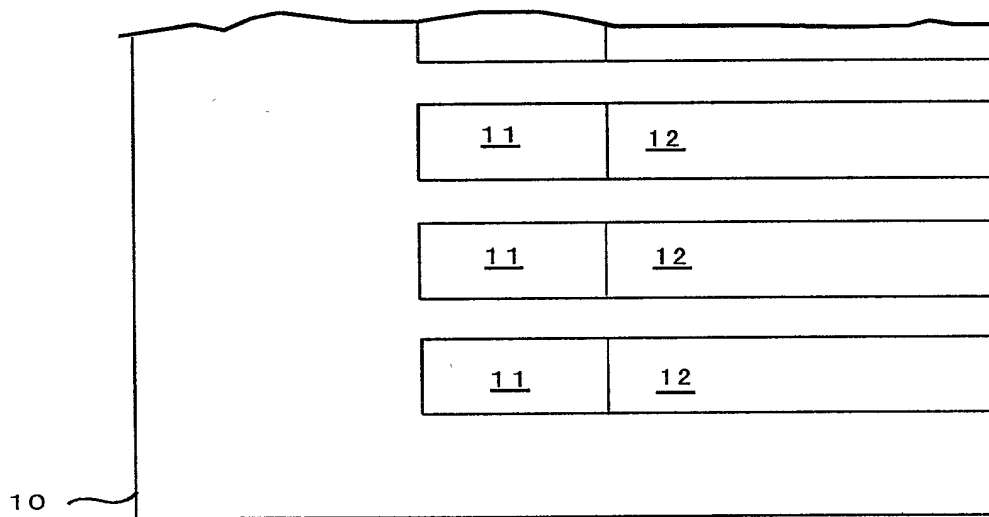


Fig. 11

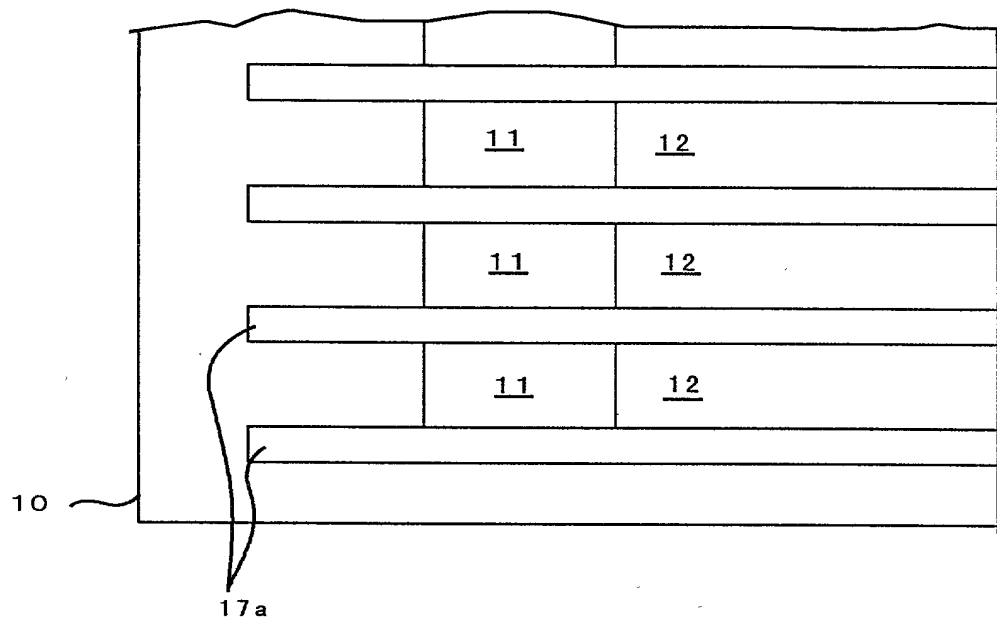


Fig. 12

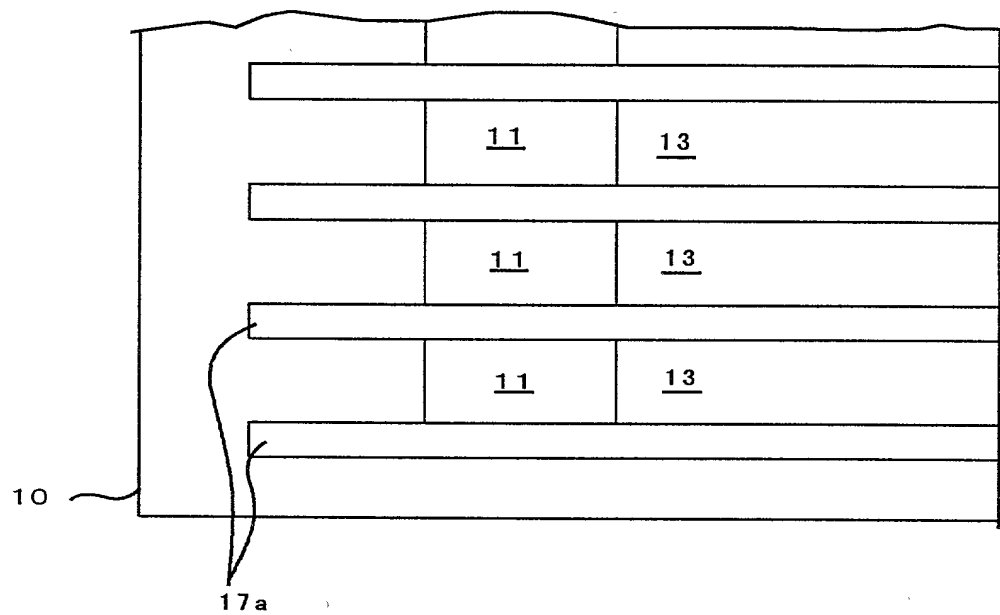


Fig. 13

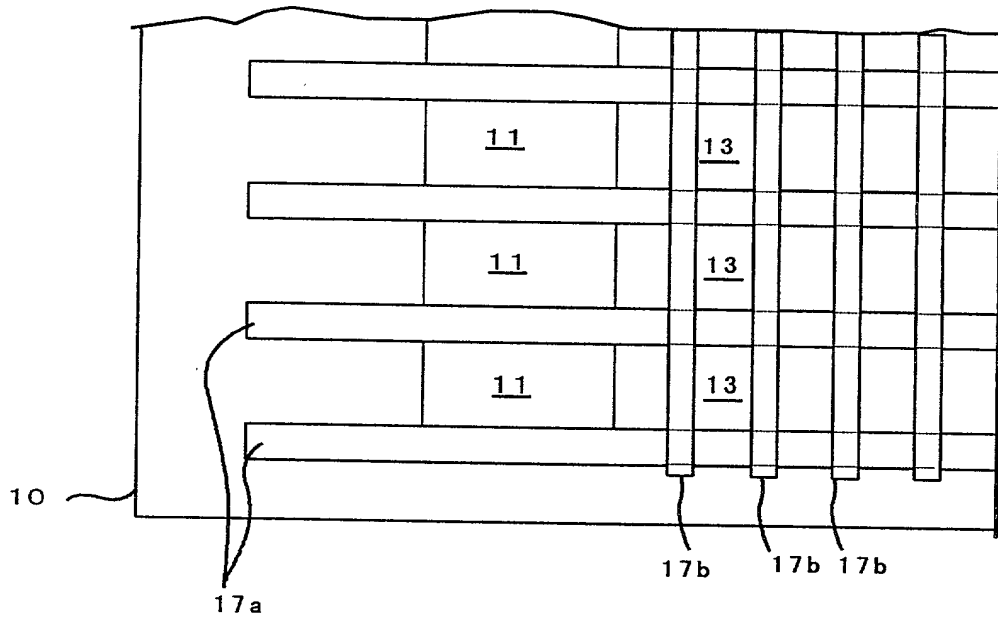


Fig. 14

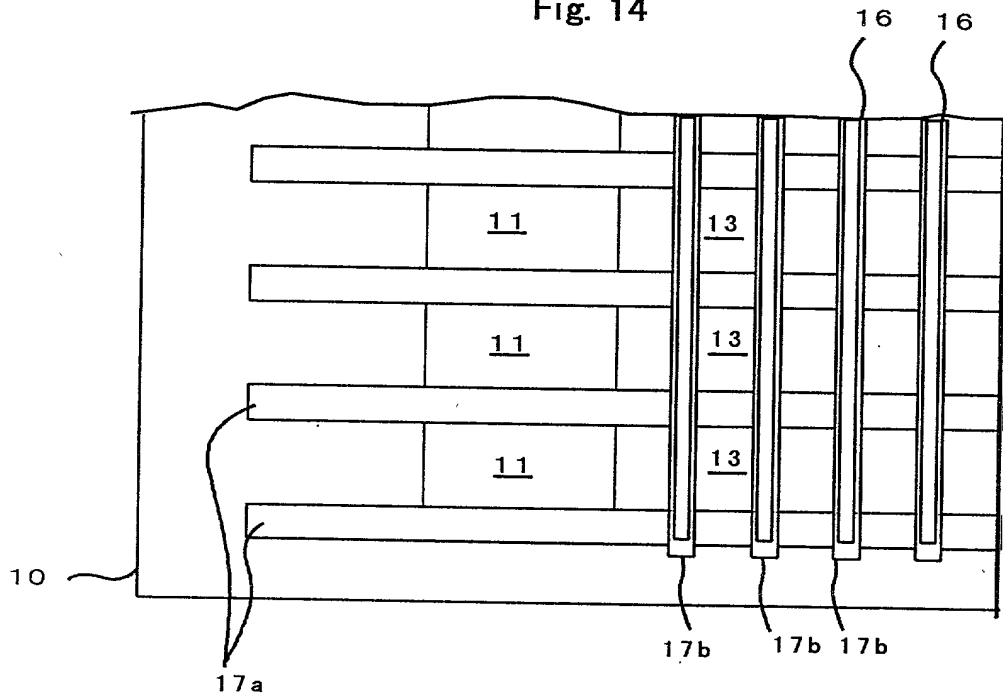


Fig. 15

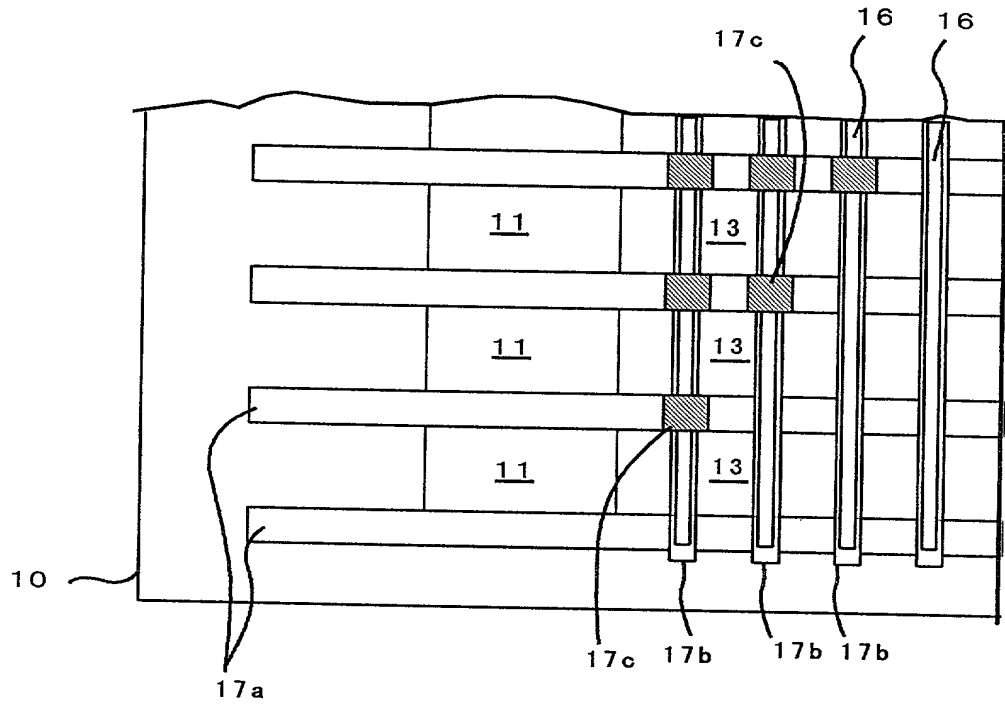
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Fig. 16

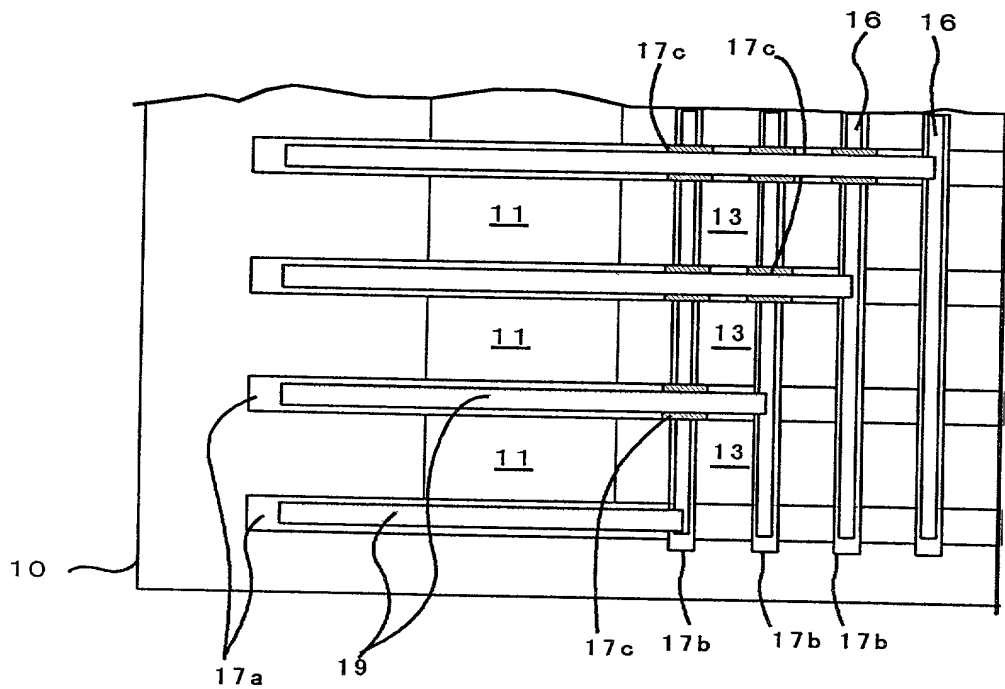






Fig. 18

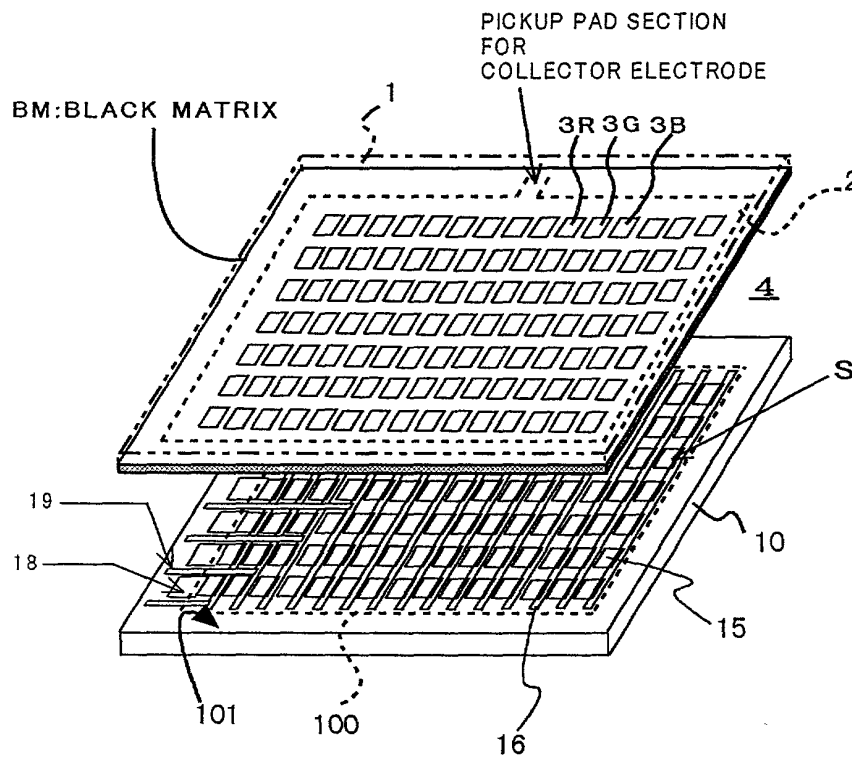


Fig. 19

- : DEVICE CURRENT IN CONVENTIONAL CONFIGURATION  
 □ : EMISSION CURRENT IN CONVENTIONAL CONFIGURATION  
 ◇ : DEVICE CURRENT IN EMBODIMENT OF THE INVENTION  
 △ : EMISSION CURRENT IN EMBODIMENT OF THE INVENTION

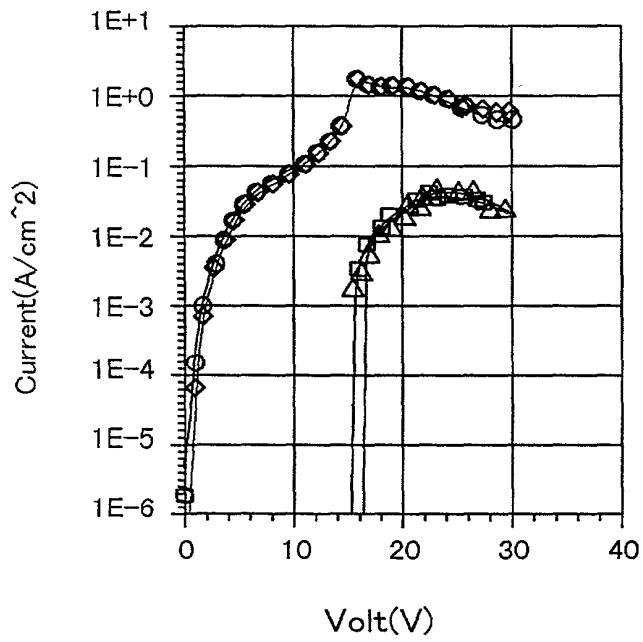


Fig. 20

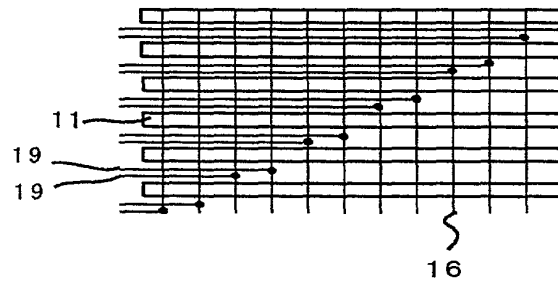


Fig. 21

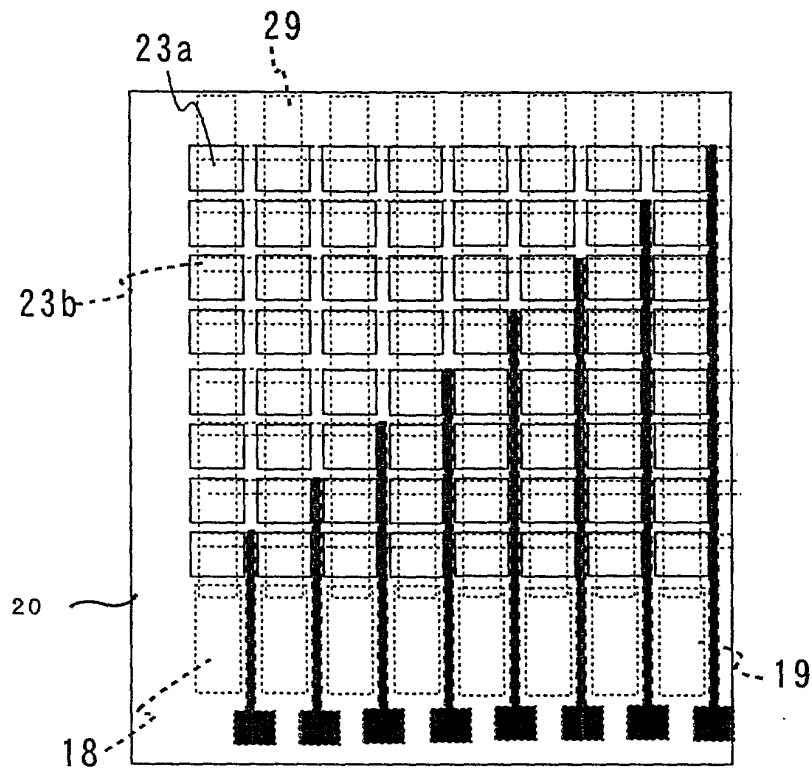


Fig. 22

